

595 Pesticide Management Planning Worksheet

Name: _____ Date: _____

List the most common pests:

<u>Crop</u>	<u>Weed</u>	<u>Weed</u>	<u>Non-Chemical Control</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<u>Crop</u>	<u>Noxious Weed</u>	<u>Noxious Weed</u>	<u>Non-Chemical Control</u>
_____	_____	_____	_____
_____	_____	_____	_____
<u>Crop</u>	<u>Insects/Animals</u>	<u>Insects/Animals</u>	<u>Non-Chemical Control</u>
_____	_____	_____	_____
_____	_____	_____	_____

Check the description below that most closely describes your current method of pest management.

_____ Follow an Irrigation Water Management Plan

Chemical Control:

_____ Seed treatment	_____ Spray whole field when a weed is seen emerging
_____ Scout fields	_____ Spot spray small areas of weed infestation
_____ Spray borrow pits and fence lines	_____ Contract independent spraying firm
_____ Spray very early morning to protect Pollinators	_____ Keep records of planting date, pesticide date, and rate of chemical applied
_____ Rotate chemical families	

Mechanical Control:

_____ Tillage (plow, disc, harrow)	_____ Mowing or clipping
_____ Hand pulling	_____ Other _____

Cultural Control:

_____ Crop rotation	_____ Early seeding date / harvest date _____
_____ Disease resistant varieties	_____ Certified seed
_____ Irrigation frequency	_____ Other _____

Biological Control:

_____ Introduce pest's enemy	Name of Bio control _____
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PESTICIDES

Field	Acres	Date	Crop	Pest	Pesticide	Rate Applied
EX: 1	23.4	5/5/03	Corn	Corn Rootworm	Warrior	3 oz
2	68.2	5/30/03	Barley	Wild Oats	Hoelon 3EC	Label

Pest Management Check sheet

WY-ECS- 57a

Includes Chemical Brush Management

INVENTORY:

- _____ WY-ECS-57 Pest Management Planning Worksheet
- _____ WY-ECS-46 Pest Management Mitigation Index (Agronomy Note 22)
- _____ WY-ECS-46 Pest Management Conservation Treatment Techniques – Management and Conservation Practices for non-chemical control; help mitigate the potential of pesticide risks

CONSERVATION PLAN MAP:

- _____ North arrow properly shown and legal description
- _____ Acres and location of pesticide application and spot treatment areas delineated in fields
- _____ All fields properly numbered with Land use for all fields properly identified
- _____ Sensitive areas located: domestic wells, irrigation canals/ditches, riparian areas/wetlands, surface water bodies such as ponds
- _____ Soils map with Non-technical soils report; and Physical Properties soils report
- _____ Erosion Prediction Calculations: WY-ECS-40A Wind (WEQ) 9.0 or
WY-ECS-40B Water RUSLE2
- _____ WY-ENG-39 Irrigation Water Management
- _____ Title block that includes Producer name, county, state, approximate acres, approximate scale, name of map preparer, date.

DESIGN:

NRCS does not give pesticide recommendations but we can give pesticide alternatives from University of Wyoming references

- _____ WY-ECS-46 Pest Management Worksheet with pesticides and WinPST evaluation on chemicals producer is using and if High, a lower risk chemical alternative(s) selected from the Weed Handbook or University of WY Crop Profiles and a non-chemical option.
- _____ WY-ECS-46A Job sheet -- Chosen pest management alternative.

References:

- _____ WinPST 3.0 Environmental Assessment – Soil/Pesticide Interaction Report
An appropriate non-chemical method of control will be given. If evaluation is H-High, mitigate with 3 Conservation Technique Treatments, 2 are needed for I-Intermediate.
See “mitigation sheet” tab in the worksheet for best management practices
- _____ 2006 -2007 Montana Utah Wyoming CES WEED Management Handbook for Weed control and Biological control on pests in WY agricultural fields (crop, hayland, range)
- _____ University of WY Crop Profiles for Insects, Disease (chemical control alternatives)
- _____ Attach reference page(s) from WEED Handbook or University of WY Crop Profiles
- _____ WY-ECS-46A Pest Management Jobsheet alternative(s) with Producer signature, and Certified Pest Management Specialist signature

Discuss WY-ECS-46 Worksheet alternatives and Print Page 1 of each WY-ECS- 46A Jobsheet. Only one copy of Page 2, Operation and Maintenance should be signed by the Cooperator, and Certified PM Specialist. Give a copy of each jobsheet to the producer and the place original in the conservation plan/contract folder. Lower risk chemical alternatives and non chemical methods of control should be discussed. University of WY reference material used should be given to producer with WY-ECS-46 Worksheet. With the increasing costs of pesticides and fuel, any management decisions that could reduce pesticide applications are important for agricultural producers and benefits wildlife, pollinators, soil microorganisms, and the environment.